

WE CLAIM:

1. A pullulan free edible film composition comprising:
an effective amount of at least one film forming agent;
5 an effective amount of at least one bulk filler agent; and
an effective amount of at least one plasticizing agent.
2. The composition of Claim 1, wherein the effective amount of the film
forming agent ranges from approximately about 10% to about 90% dry weight of the
10 composition.
3. The composition of Claim 2, wherein the film forming agent is a
member selected from the group consisting of a cellulose ether, a modified starch, a
natural gum, an edible polymer, a hydrocolloid flour, a seaweed extract, a land plant
15 extract, derivatives thereof and combinations thereof.
4. The composition of Claim 1, wherein the effective amount of the
bulk filler agent ranges from approximately about 10% to about 90% dry weight of
the composition.
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5. The composition of Claim 4, wherein the bulk filler agent is a
member selected from the group consisting of magnesium carbonate, calcium
carbonate, calcium phosphate, calcium sulfate, magnesium silicate, aluminum
silicate, ground limestone, clay, talc, titanium dioxide, microcrystalline cellulose,
25 cellulose polymers, derivatives thereof and combinations thereof.
6. The composition of Claim 1, wherein the effective amount of the
plasticizing agent ranges up to approximately about 20% dry weight of the
composition.
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7. The composition of Claim 6, wherein the plasticizing agent is a
member selected from the group consisting of a glycerin, a polyethylene glycol, a

propylene glycol, a polyol, a hydrogenated starch hydrolysate, a corn syrup, derivatives thereof and combinations thereof.

8. The composition of Claim 1, wherein the composition further
5 includes an effective amount of at least one thickening agent.

9. The composition of Claim 8, wherein the thickening agent is at least one cellulose ether.

10. The composition of Claim 1, wherein the composition further
10 includes an effective amount of at least one medicament.

11. The composition of Claim 10, wherein the medicament is a member
15 selected from the group consisting of a pH control agent, an oral care agent, a breath freshening agent, a pharmaceutical agent, a nutraceutical agent, a salivary stimulant agent, a vitamin, a mineral, derivatives thereof and combinations thereof.

12. The composition of Claim 1, wherein the composition further
20 includes an effective amount of at least one additive agent.

13. The composition of Claim 12, wherein the additive agent is a member
25 selected from the group consisting of a surfactant, a binding agent, a coloring agent, a sweetener, a flavorant, a fragrance, an emulsifier, derivatives thereof and combinations thereof.

14. A method of making a pullulan free edible film composition
comprising the steps of:

providing an effective amount of at least one film forming agent; and

adding an effective amount of at least one bulk filler agent and an effective
30 amount of at least one plasticizing agent with the film forming agent to produce a pullulan free edible film composition.

15. The method of Claim 18, wherein the method further includes the step of adding an effective amount of at least one thickening agent to form the pullulan free edible film composition.

5 16. / A method of delivering a medicament comprising the steps of:
providing a pullulan free edible film composition which includes an effective amount of at least one medicament in the film composition to an individual, wherein the film composition further comprises:

an effective amount of at least one film forming agent;
10 an effective amount of at least one bulk filler agent; and
an effective amount of at least one plasticizing agent; and
orally consuming the film composition by the individual to release the medicament into the oral cavity.

15 17. The method of Claim 20, wherein the medicament is a member selected from the group consisting of a pH control agent, an oral care agent, a breath freshening agent, a pharmaceutical agent, a nutraceutical agent, a salivary stimulant agent, a vitamin, a mineral, derivatives thereof and combinations thereof.

20 18. The method of Claim 20, wherein the method further includes the step of incorporating an effective amount of at least one thickening agent into the film composition.

25 19. / A method of treating halitosis comprising the steps of:
providing a pullulan free edible film composition which includes an effective amount of at least one breath freshening agent to an individual, wherein the film composition further comprises:

an effective amount of at least one film forming agent;
an effective amount of at least one bulk filler agent; and
30 an effective amount of at least one plasticizing agent; and
orally consuming the film composition by the individual to release the breath freshening agent into the oral cavity to treat halitosis.

20. The method of Claim 23, wherein the method further comprises the step of incorporating an effective amount of at least one thickening agent into the film composition.

5 21. A method of treating xerostomia comprising the steps of:
providing a pullulan free edible film composition which includes an effective amount of at least one salivary stimulant agent to an individual, wherein the film composition further comprises:

10 an effective amount of at least one film forming agent;
an effective amount of at least one bulk filler agent; and
an effective amount of at least one plasticizing agent; and
orally consuming the film composition by the individual to release the salivary stimulant agent into the oral cavity to treat xerostomia.

15 22. The method of Claim 25, wherein the method further comprises the step of incorporating an effective amount of at least one thickening agent into the film composition.

20 23. A method of treating plaque or gingivitis comprising the steps of:
providing a pullulan free edible film composition which includes an effective amount of at least one oral care agent to an individual, wherein the film composition further comprises:

25 an effective amount of at least one film forming agent;
an effective amount of at least one bulk filler agent;
an effective amount of at least one plasticizing agent; and
orally consuming the film composition by the individual to release the oral care agent into the oral cavity to treat plaque or gingivitis.

30 24. The method of Claim 27, wherein the method further comprises the step of incorporating an effective amount of at least one thickening agent into the film composition.